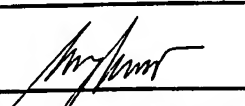


FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 2050505	SERIAL NO.
LIST OF PRIOR ART CITED BY APPLICANT		APPLICANT Merton Hahne et al	
		FILING DATE	GROUP

U.S. PATENT DOCUMENTS


EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
W	AA	1,185,435	05-1916	Powell			
	AB	1,229,465	06-1917	Hudson			
	AC	1,422,129	07-1922	Reuse			
	AD	1,557,841	10-1925	Holmes			
	AE	1,730,077	10-1929	Isachsen			
	AF	2,027,499	01-1936	Tully	280	33.44	
	AG	2,071,883	02-1937	Hodny	88	98	
	AH	2,120,422	06-1938	Williams et al	280	33.44	
	AI	2,133,065	10-1938	Weber	280	33.15	
	AJ	2,139,970	12-1938	Moore	280	33.44	
	AK	2,440,877	05-1948	Russell	280	33.14	
	AL	2,457,885	01-1949	Gatch	280	33.15	
	AM	2,486,483	11-1949	Landen	55	84	
	AN	2,522,793	09-1950	Koeckritz	280	33.55	
	AO	2,664,300	12-1953	Danielson et al	280	486	
	AP	2,746,771	05-1956	Gross	280	494	
	AQ	2,795,435	06-1957	Ortiz et al	280	446	
	AR	2,871,030	01-1959	Hollis	280	492	
	AS	2,916,301	12-1959	Cushman	280	491	
	AT	3,000,652	09-1961	Hawkins	280	406	
	AU	3,019,033	01-1962	Wegener et al	280	482	
	AV	3,281,162	10-1966	Carson	280	478	
	AW	3,384,391	05-1968	Batke	280	478	
	AX	3,492,022	01-1970	Hansen	280	478	
	AY	3,572,765	03-1971	Tieben	280	491	
✓	AZ	3,649,048	03-1972	Garnett	280	477	

EXAMINER 	DATE CONSIDERED 5/24/05
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 2040404	SERIAL NO.
LIST OF PRIOR ART CITED BY APPLICANT		APPLICANT Donald R. Schoonover	
		FILING DATE	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
TV	BA	3,679,231	07-1972	Derr, Jr.	280	406A	
	BB	3,730,557	05-1973	Cox	280	504	
	BC	3,740,074	06-1973	Coil	280	402	
	BD	3,794,355	02-1974	Cracolice	280	482	
	BE	3,806,162	04-1974	Milner	280	502	
	BF	3,829,131	08-1974	Moore, Jr.	280	493	
	BG	3,843,164	10-1974	Flegel	280	492	
	BH	3,848,890	11-1974	MacAlpine	280	204	
	BI	3,938,830	02-1976	Lane	280	493	
	BJ	3,947,062	03-1976	Pierce	293	69R	
	BK	3,998,471	12-1976	Lutchemeier	280	492	
	BL	4,073,508	02-1978	George et al	280	478R	
	BM	4,200,306	04-1980	Helms	280	494	
	BN	4,326,730	04-1982	Tomen	280	502	
	BO	4,548,423	10-1985	Craven	280	492	
	BP	4,588,199	05-1986	Fisher	280	204	
	BQ	4,603,874	08-1986	Merrill	280	402	
	BR	4,640,523	02-1987	Wolmarans	280	491D	
	BS	4,711,461	12-1987	Fromberg	280	494	
	BT	4,714,264	12-1987	Woestelandt	280	456R	
	BU	4,727,949	03-1988	Rea et al	180	9.32	
	BV	4,768,803	09-1988	Hewitt et al	280	462	
	BW	4,856,805	08-1989	Davis	280	491.4	
	BX	4,861,061	08-1989	Frantz	280	479.2	
	BY	4,869,521	09-1989	Johnson	280	491.1	
✓	BZ	5,000,473	03-1991	Johnson	280	491.1	

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
TV	CA	5,071,153	12-1991	Duncan	280	491.4	
	CB	5,088,754	02-1992	Skelton	280	491.3	
	CC	5,112,074	05-1992	Smith	280	483	
	CD	5,186,483	02-1993	Sheppard	280	494	
	CE	5,224,960	07-1993	Duncan	280	491.4	
	CF	5,232,240	08-1993	Johnson	280	491.5	
	CG	5,308,100	05-1994	Heider et al	280	474	
	CH	5,316,330	05-1994	Bergeron	280	477	
	CI	5,346,243	09-1994	Boeck	280	478.1	
	CJ	5,356,166	10-1994	Hahne et al	280	491.4	
	CK	5,516,140	05-1996	Hinte	280	494	
	CL	RE35,482	03-1997	Johnson	280	491.5	
	CM	5,765,851	06-1998	Parent	280	491.4	
	CN	5,873,595	02-1999	Hinte	280	504	
	CO	5,909,887	06-1999	Hobrath	280	32.7	
	CP	6,168,182 B1	01-2001	Ford	280	494	
	CQ	6,502,847 B1	01-2003	Greaves	280	494	
	CR	6,612,604 B2	09-2003	Greaves	280	494	
✓	CS						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
TV	DA	844,457	07-1970	Canada	280	42		
	DB	1,171,112	07-1974	Canada	280	141		
	DC	153,309	01-1952	Sweden				
	DD	269,114	01-1971	U.S.S.R.	280	491.4		
✓	DE	725,339	03-1955	United Kingdom				

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